

ABSTRACT OF THE DISCLOSURE

In a method and arrangement for controlling a dynamic scale, the conveying speed of a conveyor belt for items of mail in the dynamic operating mode is independent of the format of the pieces of mail. During dynamic weighing, a controller of the scale deactivates the normal speed regulation for a DC motor and an unregulated pulsed voltage is applied to the DC motor. By an interaction of the motor with a tensioning device for a defined setting of the conveyor belt tension and due to a vibration-damped structure of the conveying arrangement of the scale, the conveying speed changes dependent on the weight of the piece of mail in a measuring time range.